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NF- κ B

FIG. 1 (a)

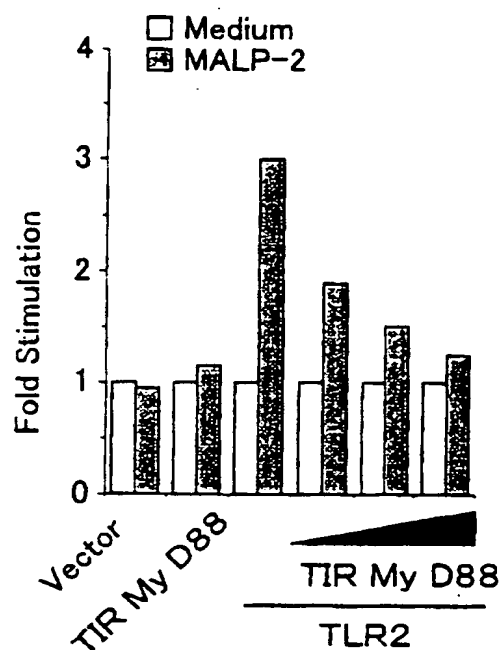


FIG. 1 (b)

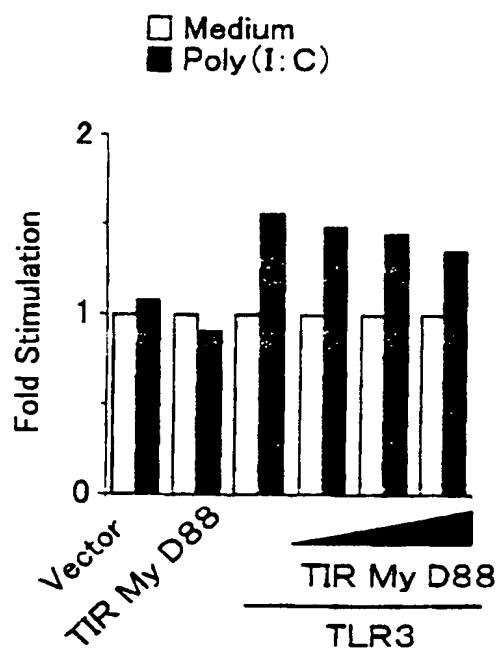


FIG. 1 (c)

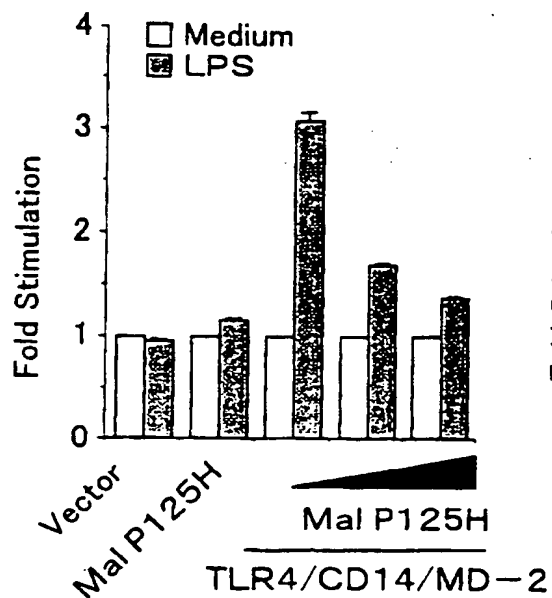
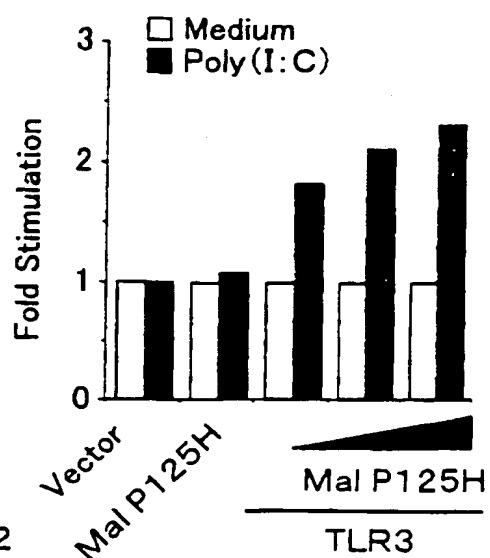


FIG. 1 (d)



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Interferon β

FIG. 2 (a)

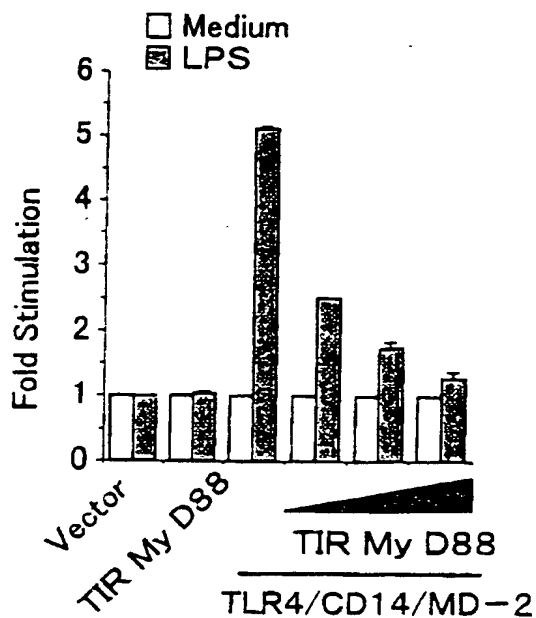


FIG. 2 (b)

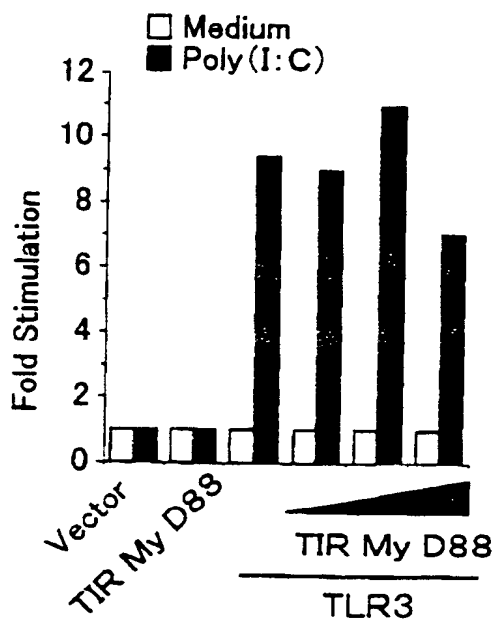


FIG. 2 (c)

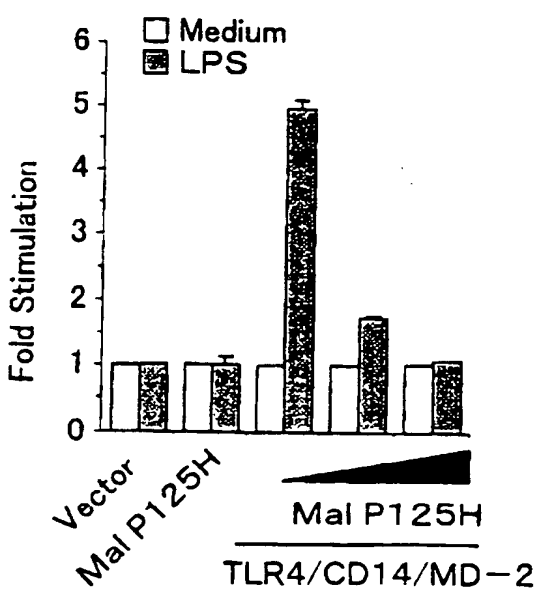
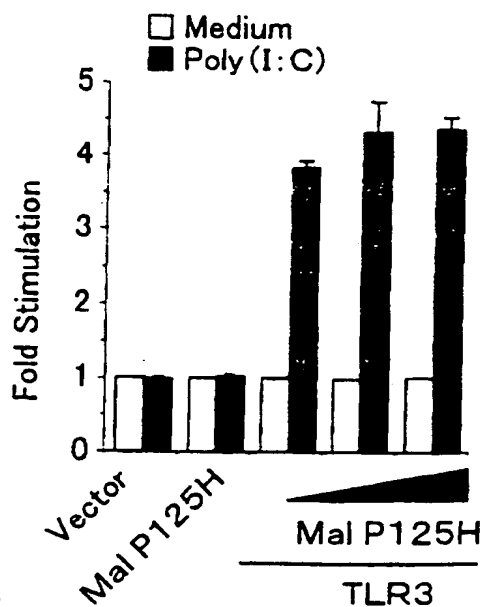


FIG. 2 (d)



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FIG. 3 (a)

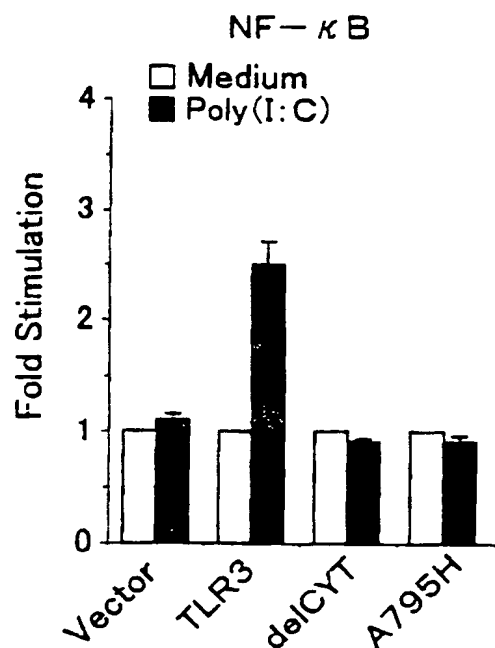


FIG. 3 (b)

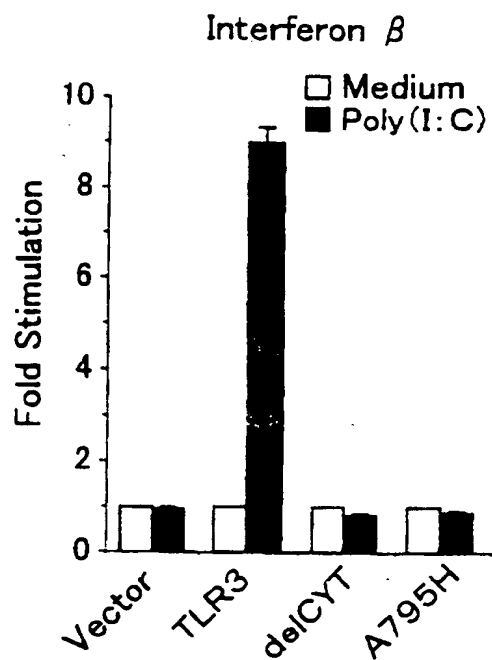
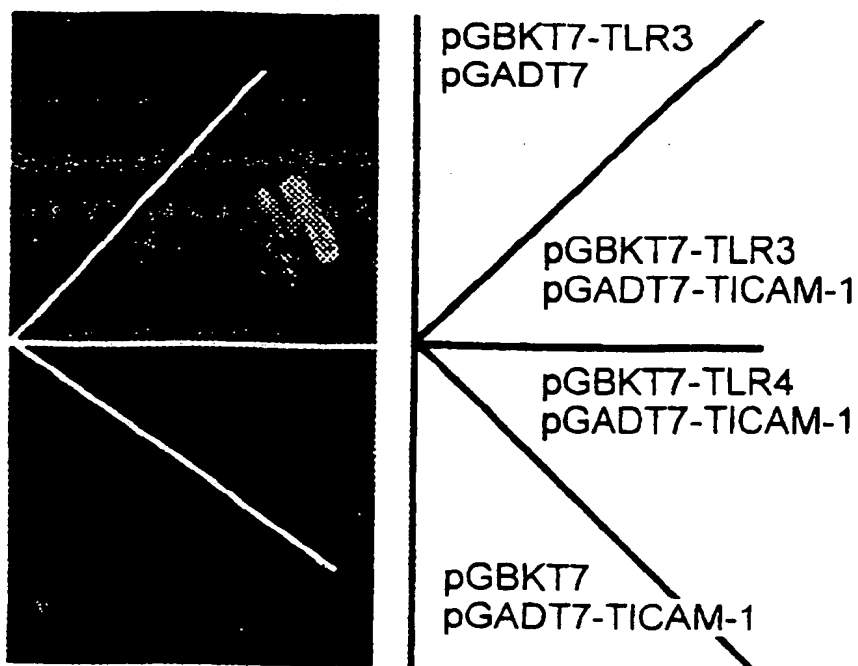


FIG. 4

SD-Trp-Leu-His-Ade plate



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FIG. 5

TICAM-1. hu	MACTGPSLPSAFDILGAAGQDKLLYLKHKLKTPRPGCQGQDLLHANVLLKLGOETEARIS
TICAM-1. mu	MDNPGPSLRGAFGILGALERDRLTHLKHKLGSLSGSGQESKLLHANVLLALGQDTEARVS
	* **** ** **** [*] * [*****] : * * . . . ***** **** ***** *
TICAM-1. hu	LEALKADAVARLVARQWAGVDSTEDPEEPPDVSWAVARLYHLLAEKLCPASLRDVAYQE
TICAM-1. mu	LES LKMNTVAQLVAHQWADMETEGPEEPPDLSTVARLYHLLAEENLCPASTRDMAYQV
	** : ** : [***] **** : [***] ** : ***** : [***] ***** : ***** ** : ***
TICAM-1. hu	AVRTLSSRDDHRLGELQDEARNRCGWDIAGDPGSI RTLOS NLGCLPPSSALPSGTRSLPR
TICAM-1. mu	ALRDFASQGDHQLGQLQNEAWDRCSSDIKGDPGSGFQPLSHQGSLOPPSASPATRSQPR
	* * [**] : [***] **** : [***] ** : [***] ** : [***] * * * * * : *** *
TICAM-1. hu	PIDGVSDWSQGC SLRSTGSPASLASNLEISQSPTMPFLSLHRSPHGPSKLCDDPQASLVP
TICAM-1. mu	PID-TPDWSWGHTLHSTNSTASLASHLEISQSPTLAFLSSHGHTHGPSKLCNTPLDQEP
	*** . . . *** * : [***] * . ***** : [***] * . . . ***** : * : *
TICAM-1. hu	EPVPGGCQEPEENSWPPSGEIASPPELPSSPPGLPEVAPDATSTGLPDTAAPETSTNY
TICAM-1. mu	QLVPEGCQEPEEISWPPSVETSVSLGLP--HEISVPEVSPEEASPI LPDALAAPDTSVHC
	: ** ***** : [***] * : . . . ** : [***] * : [***] : [***] * * : *
TICAM-1. hu	PVECTEGSAGPQSLPLPILEPVKNPCSVKDQTPQLQSVEDTTSPNTKPCPPTPTTPETSP
TICAM-1. mu	PIECTELSTNSRSPLTSTTESVGKQWPITSQRSPQVPVGGDSLQNTTSSPPAQPPSLQA
	* : **** * : [***] * : . . . * : [***] * : [***] * : [***] * . . . *
	TIR
TICAM-1. hu	PPPPPP---SSTPCSAHLTPSSLPSSLESSS-EQKFYNFVILHARADEHIALRVREK
TICAM-1. mu	SPKLPPSPLSSASSPSSYPAPTSTSPVLHDSETS DQKFYNFVILHARADEQVALRIEK
	* ** : [***] * : [***] * : [***] * : [***] : [***] : [***] : [***] *
TICAM-1. hu	LEALGVPDGFCEDFQVPGRGELSCLQDAIDHSAFIILLTSNFDCLSLHQVNOAMMS
TICAM-1. mu	LETLGVPDGFCEEFQVPGRGELHCLQDAIDHSGFTILLTASFDCSLSLHQINHALMN
	** : ***** : [***] ***** : [***] * : [***] : [***] : [***] : [***] *
TICAM-1. hu	NLTROGSPDCVIFPLPLESSPAQLSSDTASLLSGLVRLDEHSQIFARKVANTFKPHRLQA
TICAM-1. mu	SLTQSGRQDCVIFLLPLECSQAQLSPDTRLLHSIVWLDEHSPIFARKVANTFKTKLQA
	* : [***] * : [***] : [***] * : [***] * : [***] * : [***] : [***] : [***] *
TICAM-1. hu	RKAMWRKEQDTRALREQSQHLDGERMQAAALNAAYSAYLQSYLSYQAQNEQLQVAFGSHM
TICAM-1. mu	QRVRWKKAEARTLKEQSIQLEAERONVAAISAAYTAYVHSYRAWQAEMNKLGVAFGKNL
	[**] * * : [***] : [***] * : [***] * : [***] : [***] : [***] : [***] : [***] *
TICAM-1. hu	SFGTGAPYGARMPPGGQVPLGAPPPFPTWPGCPQPPPLHAWQAGTPPPSPQPAAFPOS-
TICAM-1. mu	SLGTPTPSWPGCPQ--IPSHPGGGTPVFPYSPQPPSFQPPCFQPPSFQPPSFPLPP
	* : [***] * : [***] * : [***] * : [***] : [***] : [***] : [***] *
TICAM-1. hu	LPFQSPAFPTASPAPPQSPGLQPLIIHHAQMVLGLNNHMWNORGSQAPEDKTQAE--
TICAM-1. mu	VSSPQSQSFPSSAPPQTPGPQPLIIHHAQMVLGVNNHMWGHTGAQSSDDKTECSENP
	[**] *** : [***] : [***] * : [***] ***** : [***] : [***] : [***] *
TICAM-1. hu	-----
TICAM-1. mu	CMGPLTDQGEPLLETPG

FIG. 6

	BOX1		BOX2
TICAM-1 (TIR). hu	FYNFVILHARADEHIALRVREKLEALGVDPGATFCED	FQVPGRGELSCLODAIDHSAFI-	
TICAM-1 (TIR). mu	FYNFVVIHARADEQVALRIREKLETLGVDPGATFCEE	FQVPGRGELHCLQDAIDHSGFT-	
MaI (TIR). hu	DYDVGVCHSEEDLVAAQDLVSYLEGSTASLRCFLQLRDATPGG	AI VSELQALSSSHCR-	
MyD88 (TIR). hu	RFDAFICYCPSDIQFVQEMIRQLEQTNRYRLKLCVSDRDVLP	GC-TCVWSIASELIEKRCRR	
	:: :: *	:: :: **	:: ::
TICAM-1 (TIR). hu	-ILLTSNFDCLSLHQVNQAMMSNLTRQSPDCVIPFLPLESSPAQLSSDTASLLSGLV		
TICAM-1 (TIR). mu	-ILLLTASFDCSLSLHQINHALMNSLTQSGRQDCVIPLLPLECSQAQLSPDTTRLLHSIV		
MaI (TIR). hu	-VLLITPGFLQDPWCKYQMLQALTEAP--GAEGCTIPLL SGLSRAAYPPPELRFMYYYVDGR		
MyD88 (TIR). hu	MVVVVSDDYLSQKECDFQTKFALSLSPG-AHQKRLIPIKYKAMKKEFPSILRFITVCDYT		
	:: :: ::	:: :: **	
	BOX3		
TICAM-1 (TIR). hu	RLDEHSQIFARKKVANTFKPHR-----		
TICAM-1 (TIR). mu	WLDEHSPIFARKKVANTFKTQK-----		
MaI (TIR). hu	GPDGGFRQVKEAVMRC-----		
MyD88 (TIR). hu	NPCTKSNFWTRLAKALSLP-----		

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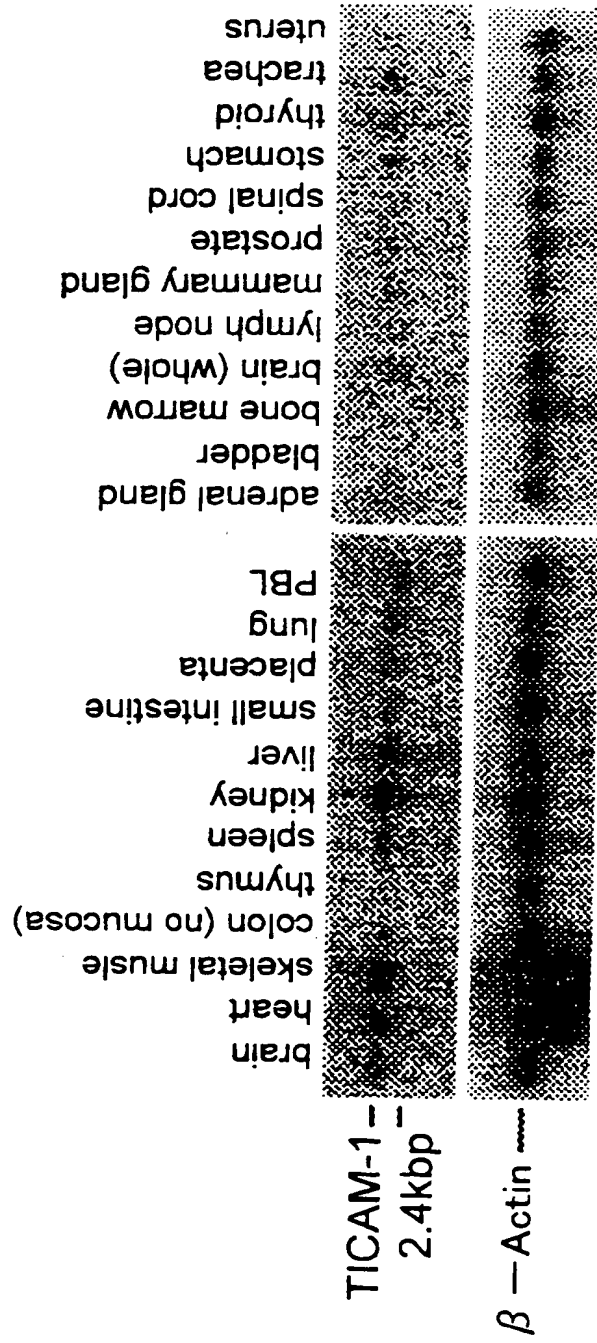


FIG. 7

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FIG. 8

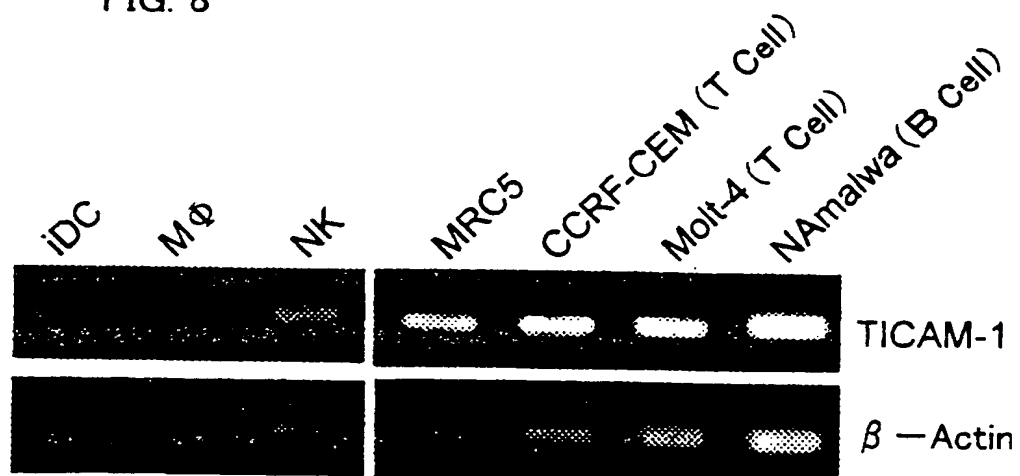
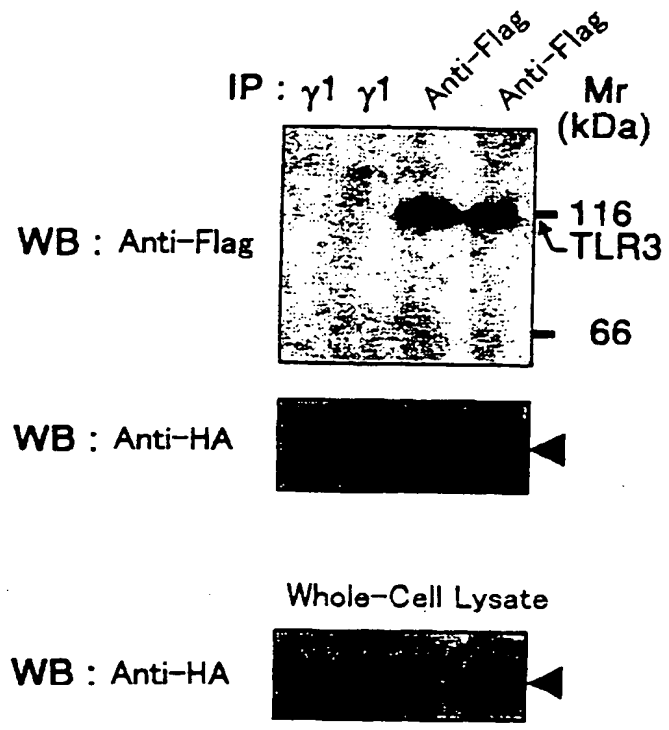


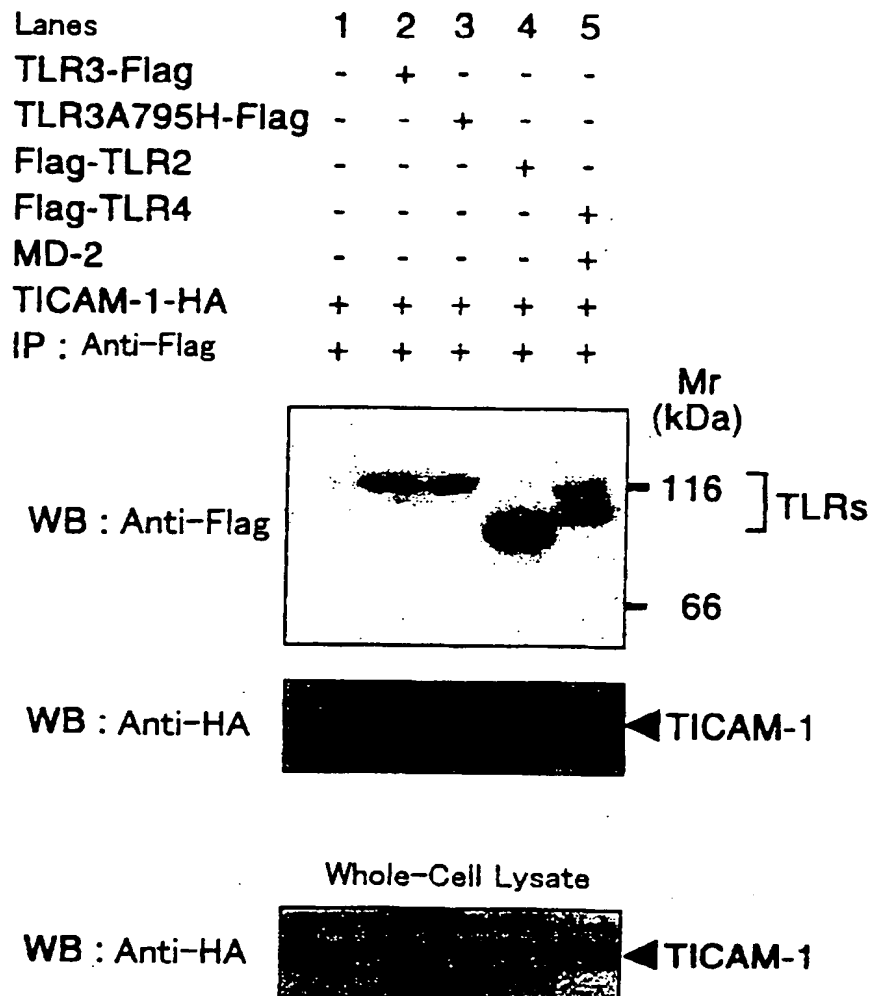
FIG. 9

Lanes	1	2	3	4
TLR3-Flag	+	+	+	+
TICAM-1-HA	+	+	+	+
poly(I:C)	-	+	-	+



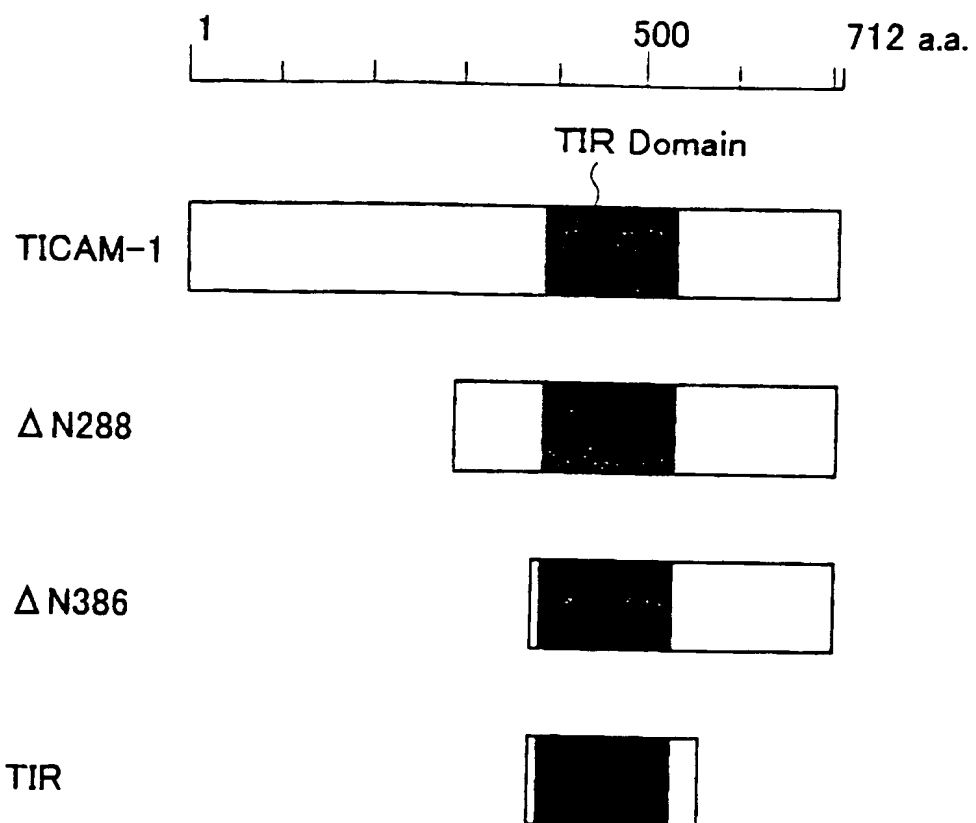
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FIG. 10

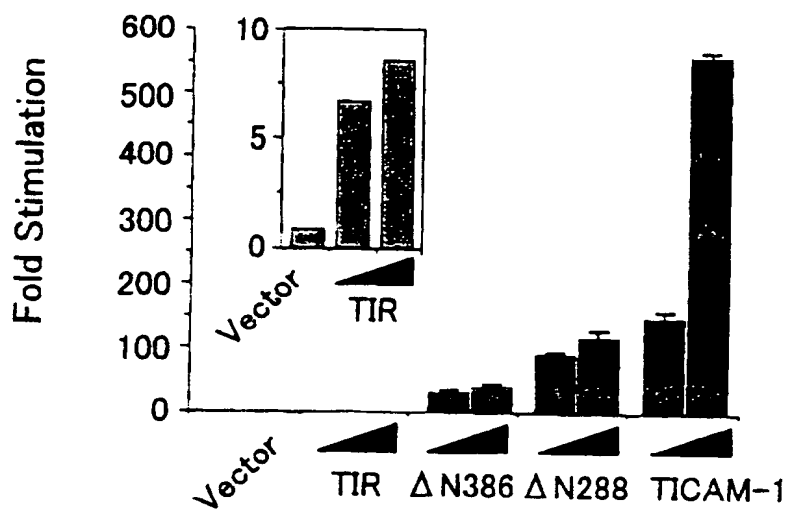
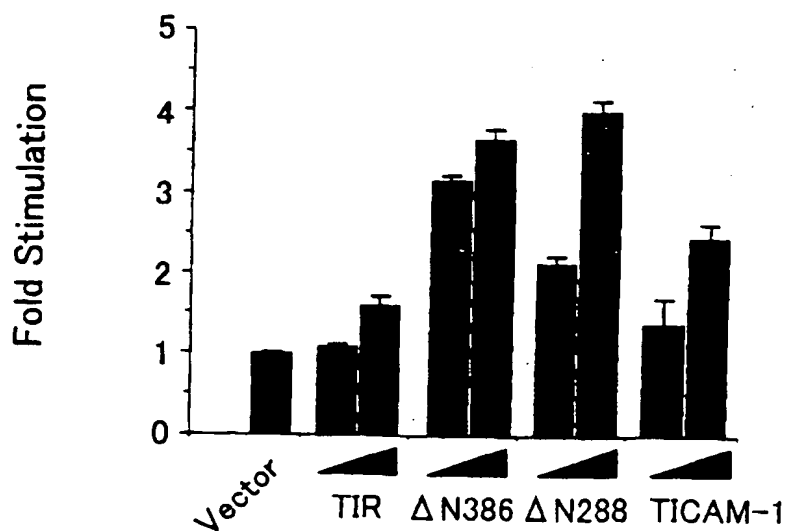


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FIG. 11



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FIG. 12 (a) Interferon β FIG. 12 (b) NF- κ B

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FIG. 13 (a)

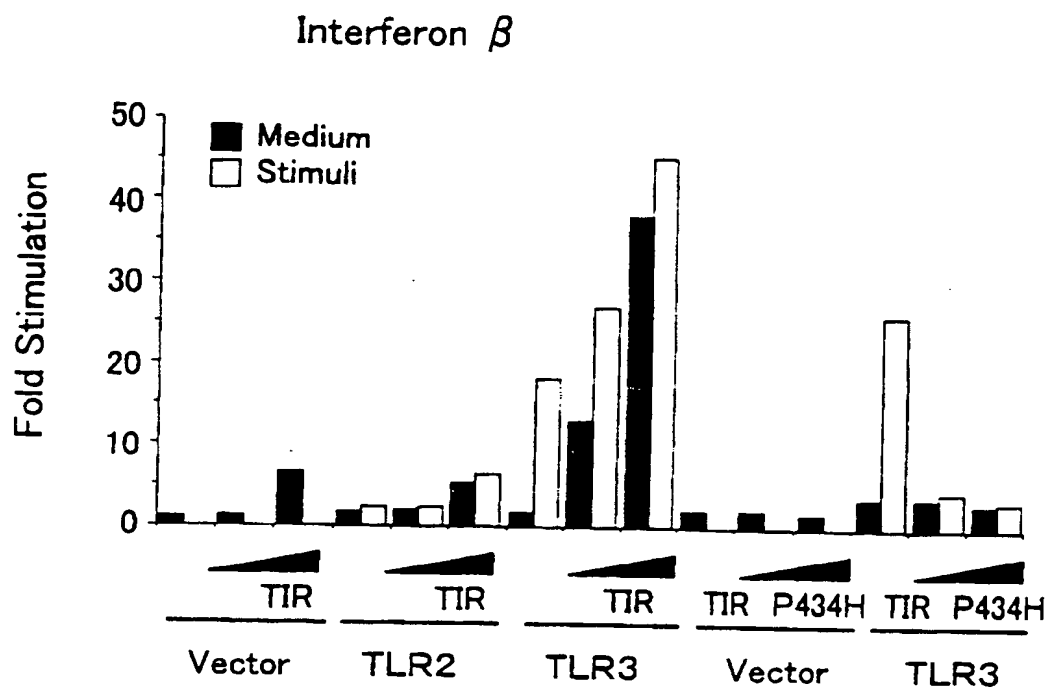
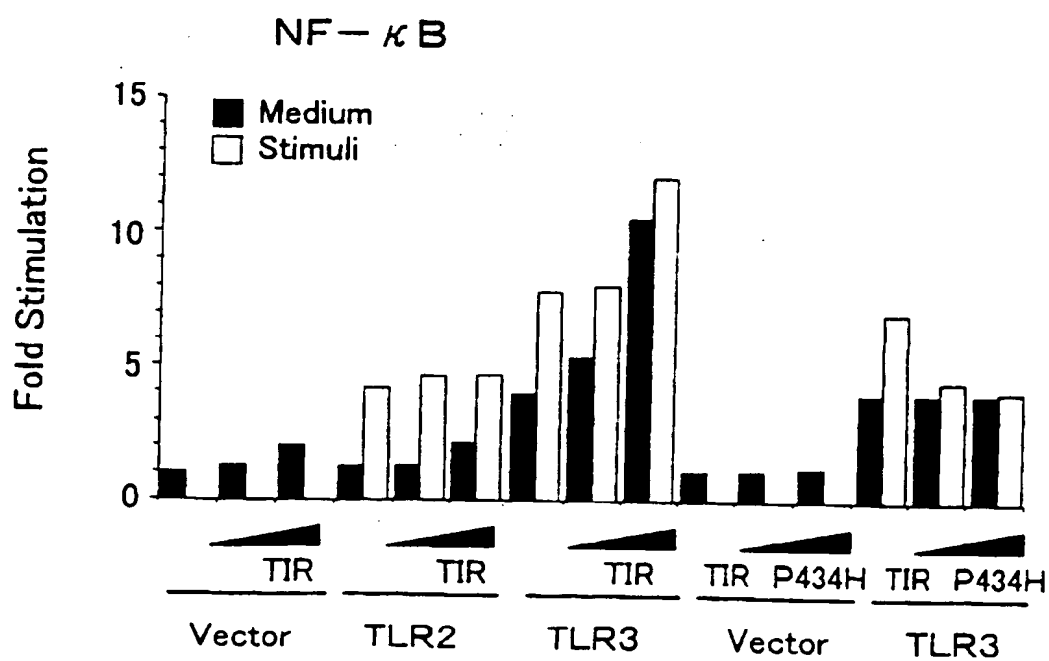


FIG. 13 (b)



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FIG. 14 (a)

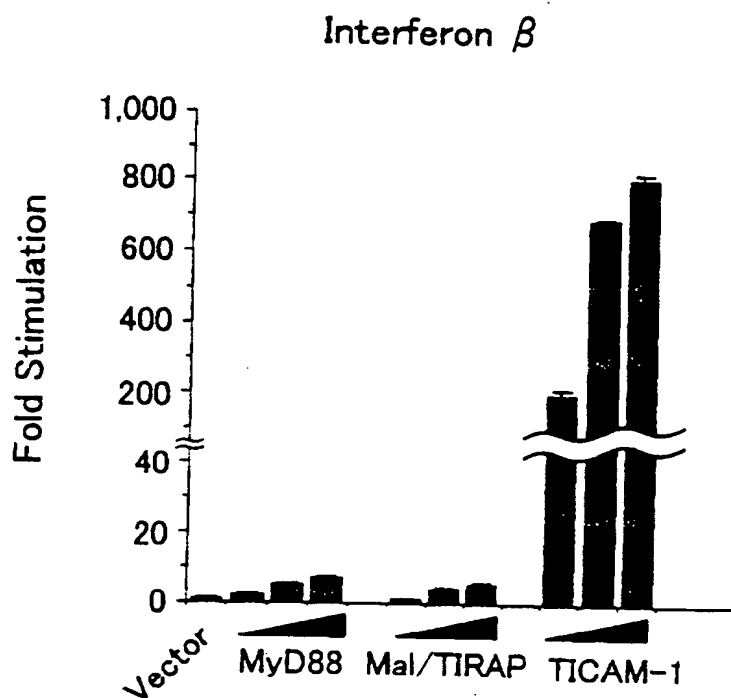
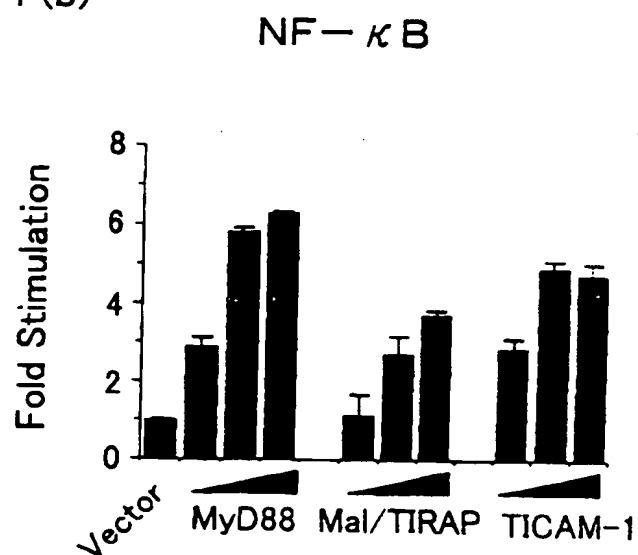


FIG. 14 (b)



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FIG. 15

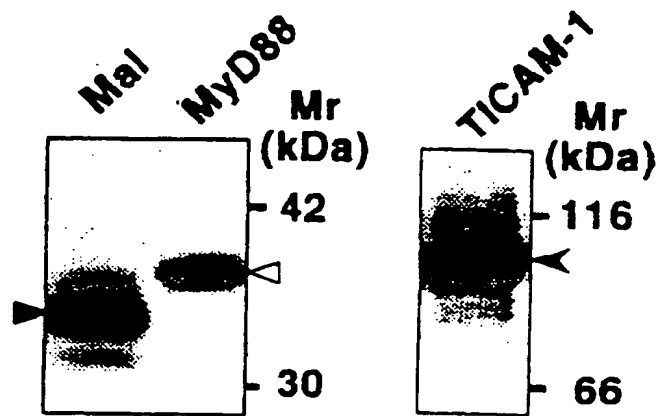
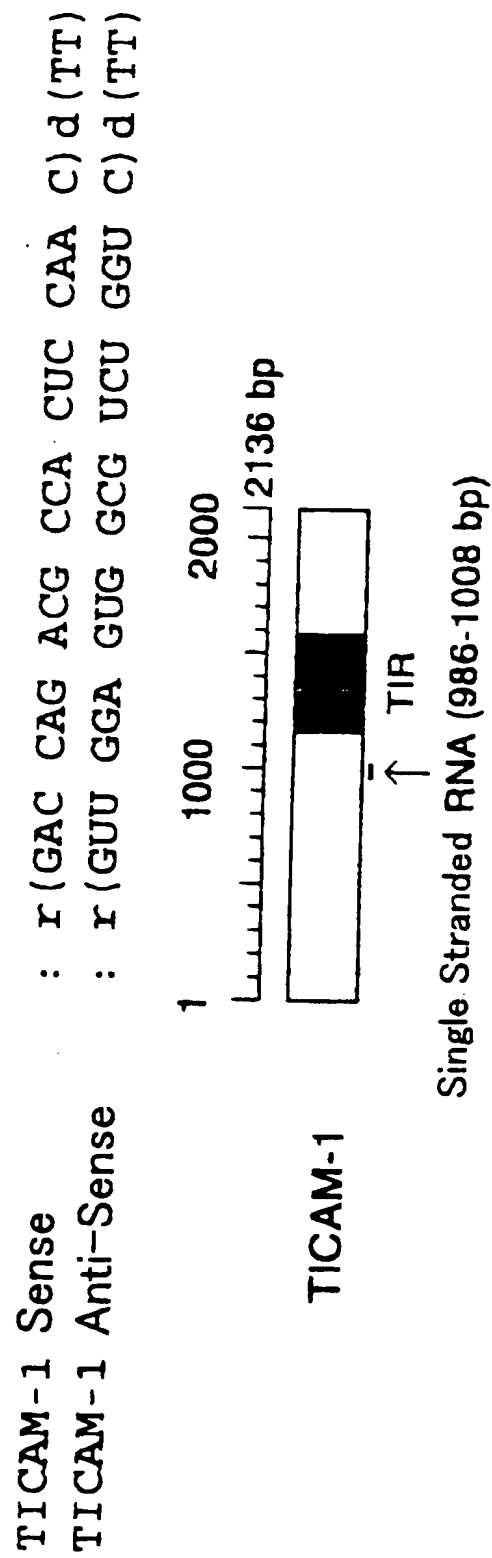
**WB : Anti-HA**

FIG. 16



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FIG. 17 (a)

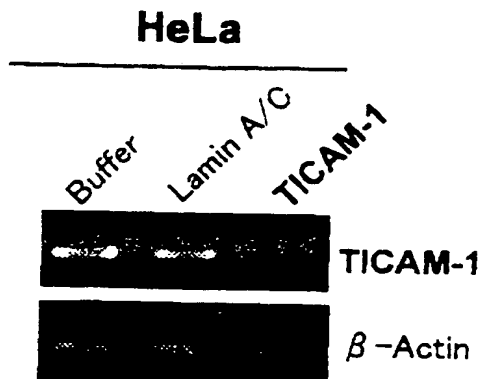


FIG. 17 (b)

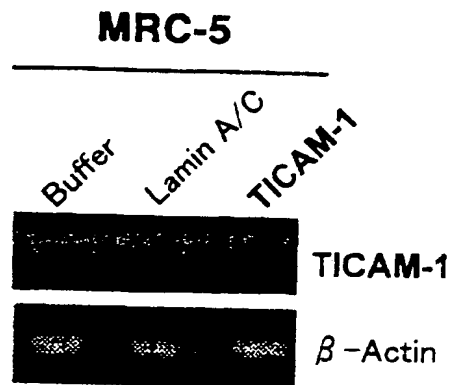


FIG. 18 (a)

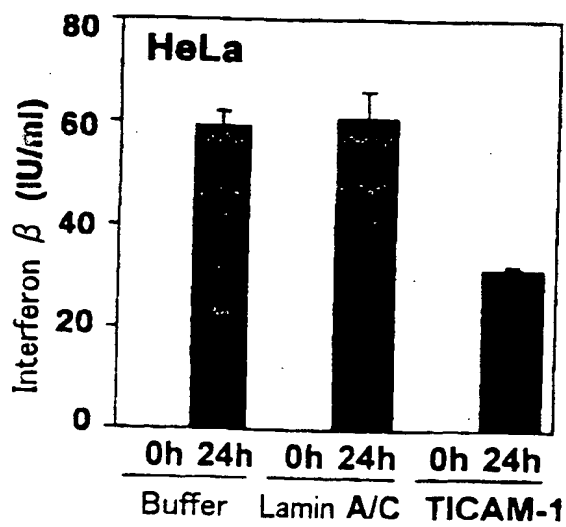


FIG. 18 (b)

